

## EAST Search History

| Ref # | Hits | Search Query                   | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|------|--------------------------------|--|------------------|---------|------------------|
| L1    | 426  | 62/304.ccls.                   | US-PGPUB;<br>USPAT   | ADJ              | ON      | 2008/01/22 06:04 |
| L2    | 84   | 373/74.ccls.                   | US-PGPUB;<br>USPAT   | ADJ              | ON      | 2008/01/22 06:04 |
| L3    | 11   | (L1 or L2) and @pd>="20070801" | US-PGPUB;<br>USPAT   | ADJ              | ON      | 2008/01/22 06:04 |
| S1    | 3    | ("4024764").PN.                | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/07/27 09:52 |
| S2    | 0    | "3027465" and germany          | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2007/07/27 09:53 |
| S3    | 20   | "3027465"                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2007/07/27 11:46 |
| S4    | 13   | "3027465" and de               | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2007/07/27 09:53 |
| S5    | 6    | "0044512" and ep               | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2007/07/27 10:19 |
| S6    | 2    | jp and "54107807"              | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2007/07/27 10:06 |

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|     |        |                   |  |     |     |                  |
|-----|--------|-------------------|--|-----|-----|------------------|
| S7  | 3      | wo and "9214108"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2007/07/27 10:08 |
| S8  | 2      | ("9214108").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2007/07/27 10:08 |
| S9  | 623    | 62/304.ccls.      | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2007/07/27 10:19 |
| S10 | 913131 | spray\$4          | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2007/07/27 10:20 |
| S11 | 190    | S9 and S10        | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2007/07/27 10:20 |
| S12 | 1      | 1992-277277.NRAN. | DERWENT  | ADJ | ON  | 2007/07/27 10:24 |
| S13 | 2      | ("5290016").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2007/07/27 10:24 |
| S14 | 2      | ("4813055").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2007/07/27 11:46 |

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|     |         |  |  |     |     |                  |
|-----|---------|--|--|-----|-----|------------------|
| S15 | 26      | ("1840247"   "3388737"   "3429973"   "3858861"   "4107449"   "4132852"   "4197422"   "4216348"   "4239484"   "4273949"   "4345332"   "4443188"   "4494594"   "4633480").PN. OR ("4813055").URPN.   | US-PGPUB; USPAT; USOCR                                   | ADJ | ON  | 2007/07/27 11:50 |
| S16 | 2       | ("5797274").PN.  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR  | OFF | 2007/07/27 11:50 |
| S17 | 15      | ("3817053"   "4552303").PN. OR ("5797274").URPN.   | US-PGPUB; USPAT; USOCR                                   | ADJ | ON  | 2007/07/27 11:59 |
| S18 | 2       | ("5115184").PN.  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR  | OFF | 2007/07/27 11:59 |
| S19 | 27      | ("1840247"   "3388737"   "3429973"   "3858861"   "4107449"   "4197422"   "4216348"   "4239484"   "4273949"   "4332852"   "4345332"   "4443188"   "4494594"   "4633480"   "4715042"   "4789991"   "4813055"   "4815096"   "4849987"   "4852120").PN. OR ("5115184").URPN. | US-PGPUB; USPAT; USOCR                                   | ADJ | ON  | 2007/07/27 12:05 |
| S20 | 40937   | cock   | US-PGPUB; USPAT; USOCR                                   | ADJ | ON  | 2007/07/27 12:06 |
| S21 | 1518240 | cool\$4  | US-PGPUB; USPAT; USOCR                                   | ADJ | ON  | 2007/07/27 12:06 |
| S22 | 1574    | S10 and S20 and S21  | US-PGPUB; USPAT; USOCR                                   | ADJ | ON  | 2007/07/27 12:07 |
| S23 | 101     | S10 with S20 and S21   | US-PGPUB; USPAT; USOCR                                   | ADJ | ON  | 2007/07/27 12:10 |
| S24 | 63504   | negative press\$4  | US-PGPUB; USPAT; USOCR                                   | ADJ | ON  | 2007/07/27 12:11 |

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|     |         |                           |  |     |     |                  |
|-----|---------|---------------------------|--|-----|-----|------------------|
| S25 | 2184380 | water                     | US-PGPUB;<br>USPAT;<br>USOCR   | ADJ | ON  | 2007/07/27 12:11 |
| S26 | 12      | S9 and S24                | US-PGPUB;<br>USPAT;<br>USOCR   | ADJ | ON  | 2007/07/27 13:14 |
| S27 | 4633    | steam near2 extract\$4    | US-PGPUB;<br>USPAT;<br>USOCR   | ADJ | ON  | 2007/07/27 13:15 |
| S28 | 12919   | "373"/\$.ccls.            | US-PGPUB;<br>USPAT;<br>USOCR   | ADJ | ON  | 2007/07/27 13:15 |
| S29 | 7       | S27 and S28               | US-PGPUB;<br>USPAT;<br>USOCR   | ADJ | ON  | 2007/07/27 13:17 |
| S30 | 70147   | negative near2 pressure   | US-PGPUB;<br>USPAT;<br>USOCR   | ADJ | ON  | 2007/07/27 13:17 |
| S31 | 78      | S28 and S30               | US-PGPUB;<br>USPAT;<br>USOCR   | ADJ | ON  | 2007/07/27 17:43 |
| S32 | 2       | ("5115184").PN.           | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2007/07/27 14:53 |
| S33 | 15654   | compress\$4 with steam\$3 | US-PGPUB;<br>USPAT;<br>USOCR   | ADJ | ON  | 2007/07/27 17:43 |
| S34 | 11      | S33 and S28               | US-PGPUB;<br>USPAT;<br>USOCR   | ADJ | ON  | 2007/07/27 17:46 |
| S35 | 99832   | "62"/\$.ccls.             | US-PGPUB;<br>USPAT;<br>USOCR   | ADJ | ON  | 2007/07/27 17:47 |
| S36 | 745     | S33 and S35               | US-PGPUB;<br>USPAT;<br>USOCR   | ADJ | ON  | 2007/07/27 17:47 |
| S37 | 259887  | furnace                   | US-PGPUB;<br>USPAT;<br>USOCR   | ADJ | ON  | 2007/07/27 17:47 |
| S38 | 69      | S33 and S35 and S37       | US-PGPUB;<br>USPAT;<br>USOCR   | ADJ | ON  | 2007/07/27 17:55 |

## EAST Search History

|     |         |   |  |     |     |                  |
|-----|---------|---|--|-----|-----|------------------|
| S39 | 3451852 | water or coolant or liquid or fluid           | US-PGPUB;<br>USPAT;<br>USOCR   | ADJ | ON  | 2007/07/27 17:56 |
| S40 | 1703    | S39 with S27                                  | US-PGPUB;<br>USPAT;<br>USOCR   | ADJ | ON  | 2007/07/27 17:58 |
| S41 | 33538   | "266"/\$.ccls.                                | US-PGPUB;<br>USPAT;<br>USOCR   | ADJ | ON  | 2007/07/27 17:58 |
| S42 | 3       | S40 and S41                                   | US-PGPUB;<br>USPAT;<br>USOCR   | ADJ | ON  | 2007/07/27 19:46 |
| S43 | 1480    | S39 with S33 and S10                          | US-PGPUB;<br>USPAT;<br>USOCR   | ADJ | ON  | 2007/07/27 19:47 |
| S44 | 1       | 1996-454715.NRAN.                             | DERWENT  | ADJ | ON  | 2007/07/27 20:16 |
| S45 | 3       | ("5797274") or ("5561685") or ("5115184").PN. | USPAT  | OR  | OFF | 2007/08/01 11:42 |
| S46 | 102     | (373/74).CCLS.                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2007/08/01 11:47 |
| S47 | 103     | (373/74).CCLS.                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2008/01/17 11:32 |
| S48 | 22551   | compress\$5 with steam                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2008/01/17 12:09 |
| S49 | 0       | S47 and S48                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2008/01/17 11:32 |

## EAST Search History

|     |       |                       |  |     |     |                  |
|-----|-------|-----------------------|--|-----|-----|------------------|
| S50 | 14335 | ("373").CLAS.         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2008/01/17 11:32 |
| S51 | 11    | S48 and S50           | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2008/01/17 11:32 |
| S52 | 21937 | extract\$5 with steam | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2008/01/17 12:09 |
| S53 | 103   | 373/74.ccls.          | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2008/01/17 12:10 |
| S54 | 2     | S52 and S53           | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2008/01/17 12:11 |
| S55 | 14    | S52 and S50           | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2008/01/17 13:59 |
| S56 | 2     | wo "9214108"          | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2008/01/17 14:23 |

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|     |     |                                       |  |     |    |                  |
|-----|-----|---------------------------------------|--|-----|----|------------------|
| S57 | 201 | power (cogeneration or co generation) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/17 14:34 |
| S58 | 21  | S48 and S57                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/17 14:33 |
| S59 | 0   | S50 and S57                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/17 14:34 |
| S60 | 27  | S52 and S57                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/17 14:34 |
| S61 | 2   | "6053418".pn.                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/17 15:27 |
| S62 | 3   | ((RAYMOND) near2 (GUYOMARC"H)).INV.   | US-PGPUB;<br>USPAT   | ADJ | ON | 2008/01/17 15:28 |
| S63 | 426 | 62/304.ccls.                          | US-PGPUB;<br>USPAT   | ADJ | ON | 2008/01/17 15:28 |
| S64 | 84  | 373/74.ccls.                          | US-PGPUB;<br>USPAT   | ADJ | ON | 2008/01/17 15:28 |
| S65 | 1   | (S47 or S64) and @pd>="20070801"      | US-PGPUB;<br>USPAT   | ADJ | ON | 2008/01/22 06:04 |